

TRANSMITTAL OF FORMAL DRAWINGS

Docket No.

15184

In Re Application Of: **SEPA INDO****COPY OF PAPERS
ORIGINALLY FILED**

Serial No.

Filing Date

Batch No.

Examiner

Art Unit

10/028,111

December 20, 2001

unassigned

unassigned

unassigned

Invention:

**WATCHDOG TIMER AND METHOD FOR DETECTING ABNORMAL
OPERATION OF COMPUTER, AND COMPUTER INCLUDING THE TIMER**

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231**RECEIVED**

MAR 06 2002

Transmitted herewith are:

Technology Center 2100

10 sheets of formal drawing(s) for this application.

Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawing.

Signature

Paul J. Esatto, Jr.
Registration No. 30,749
Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530

Dated: January 24, 2002

I certify that this document and attached formal drawings are being deposited on Jan 24, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Michelle Mustafa

Typed or Printed Name of Person Mailing Correspondence

1/10

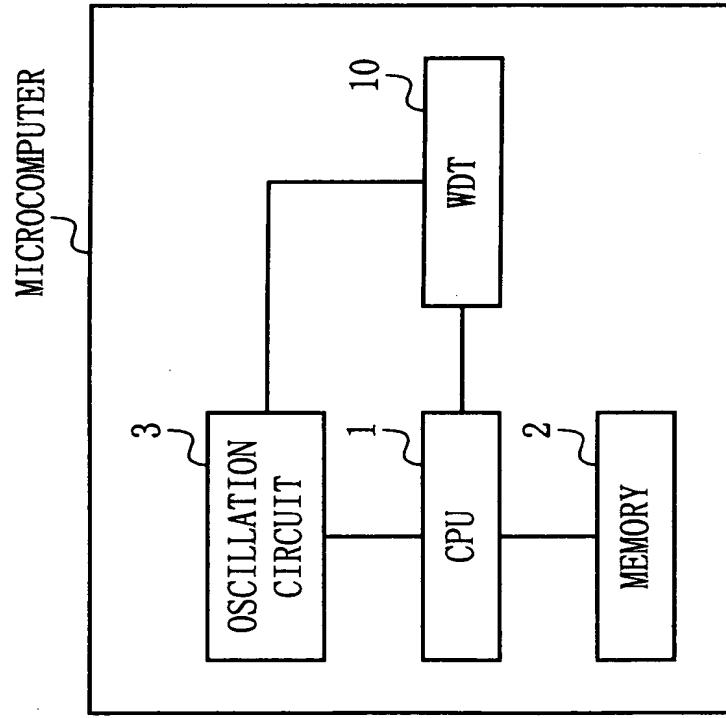


FIG. 1

2/10

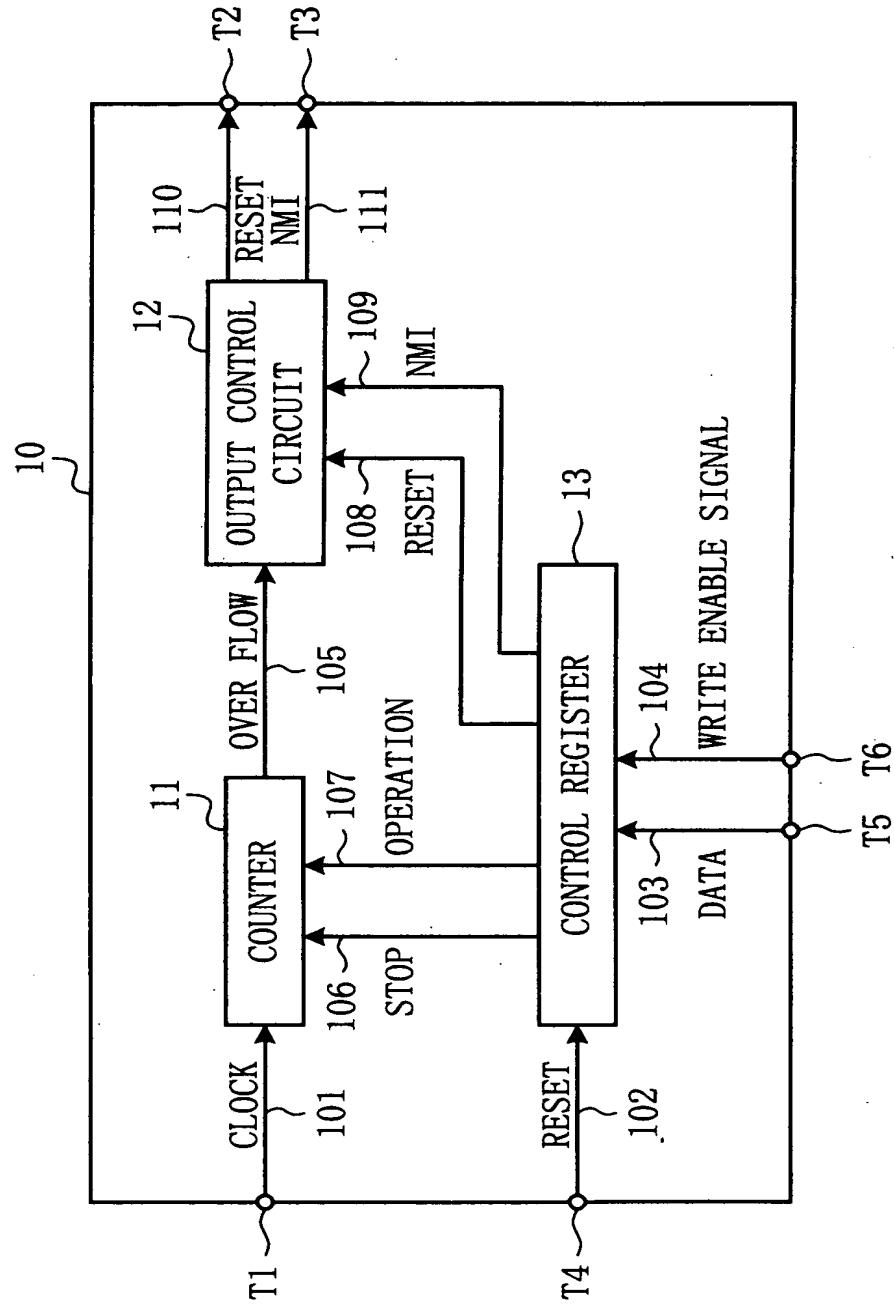


FIG. 2

3/10

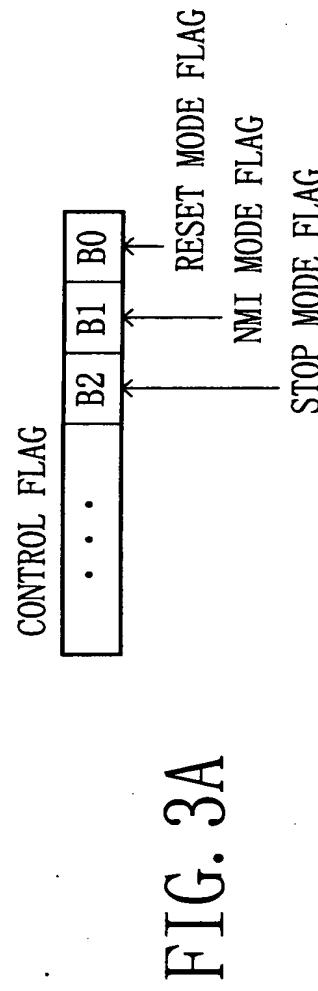


FIG. 3B

OPERATIONAL MODE	B2	B1	B0
RESET MODE	X	X	0
NMI MODE	X	0	1
STOP MODE	0	1	1

X : DON'T CARE

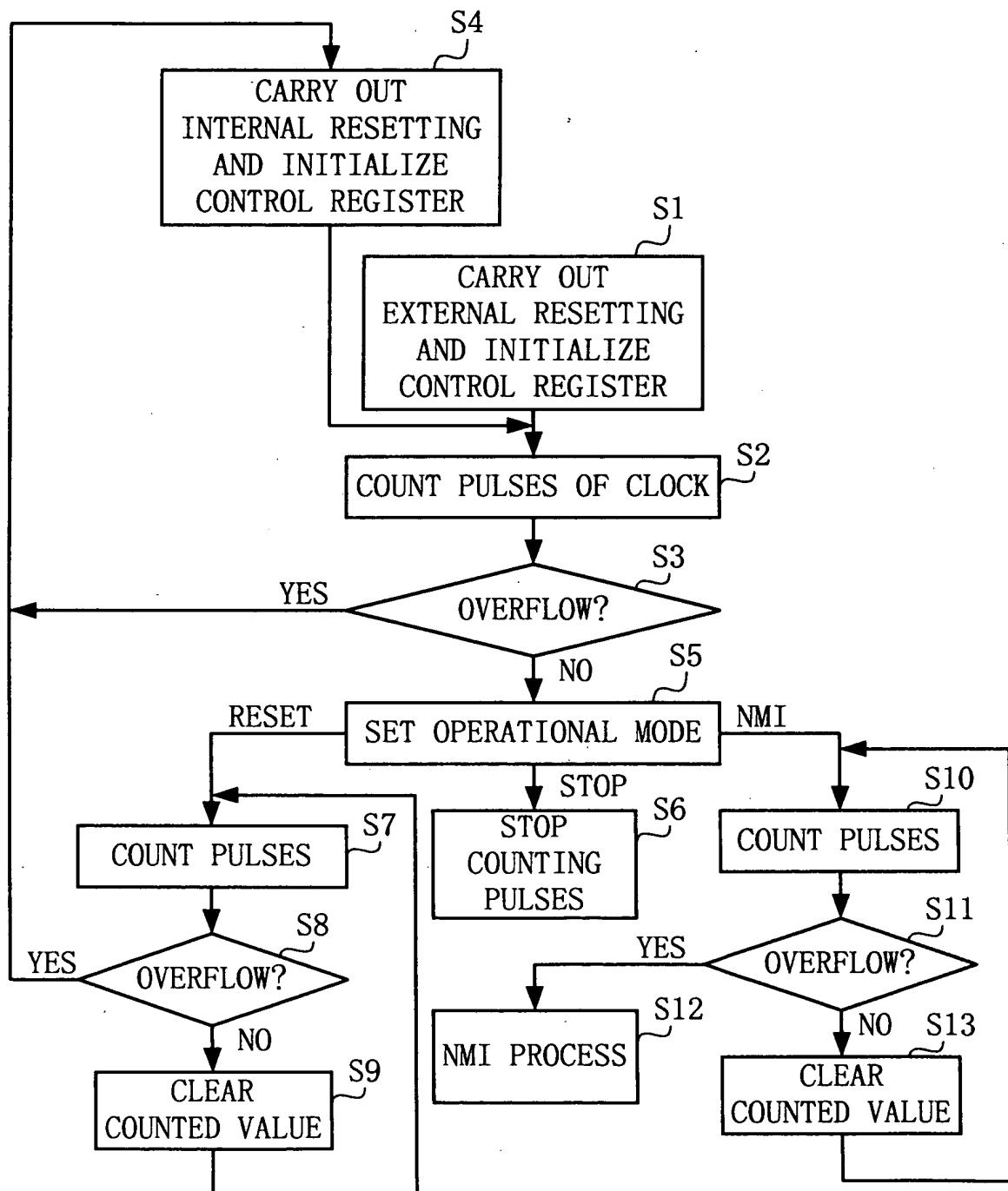


FIG. 4

5/10

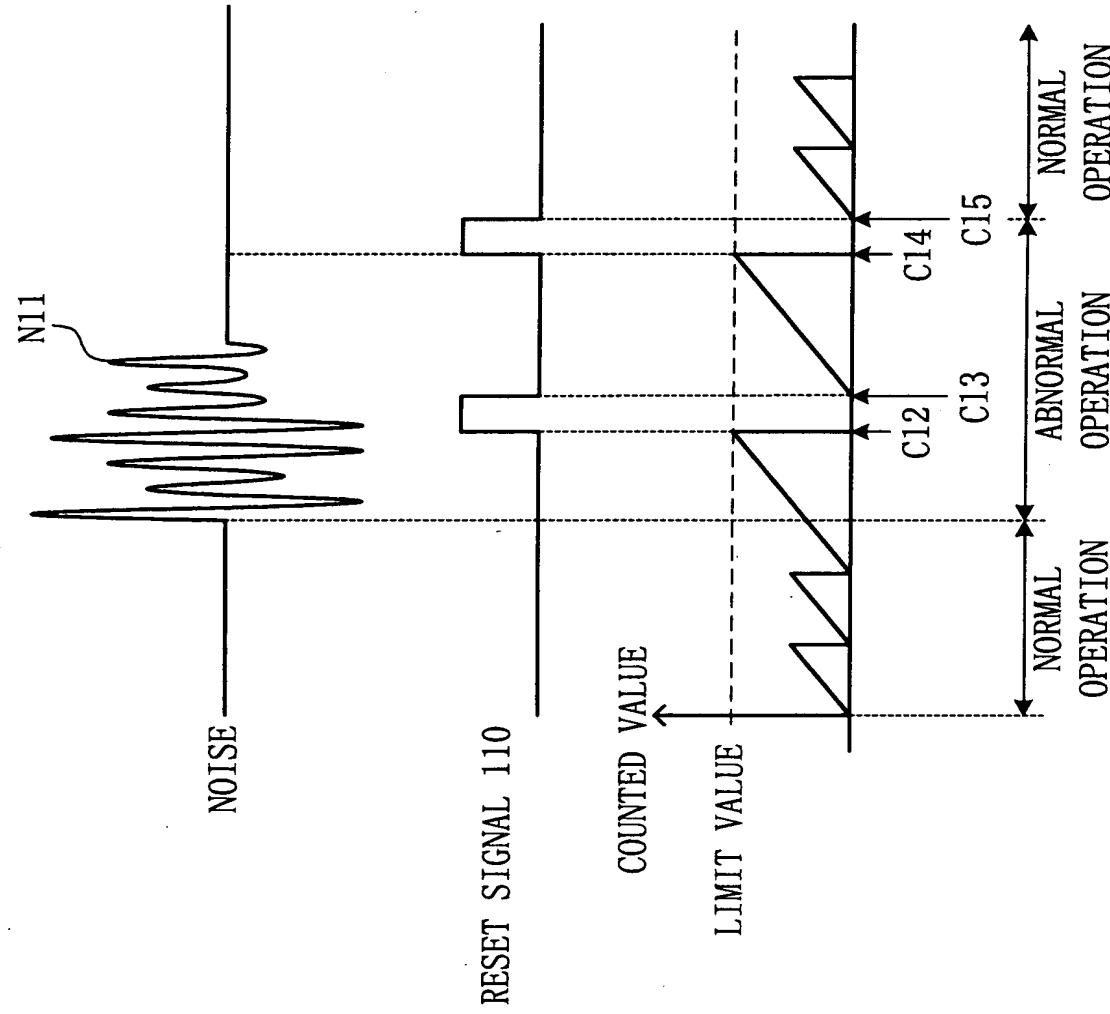


FIG. 5

6/10

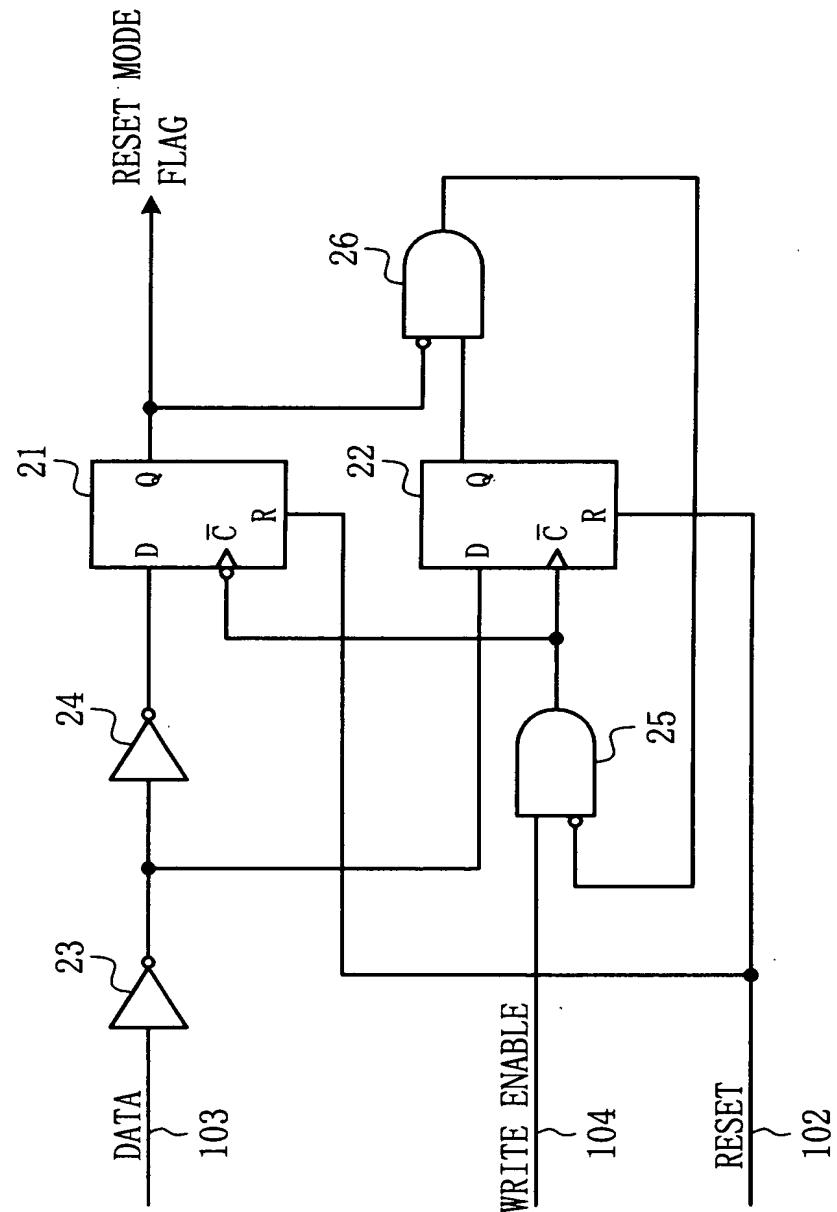
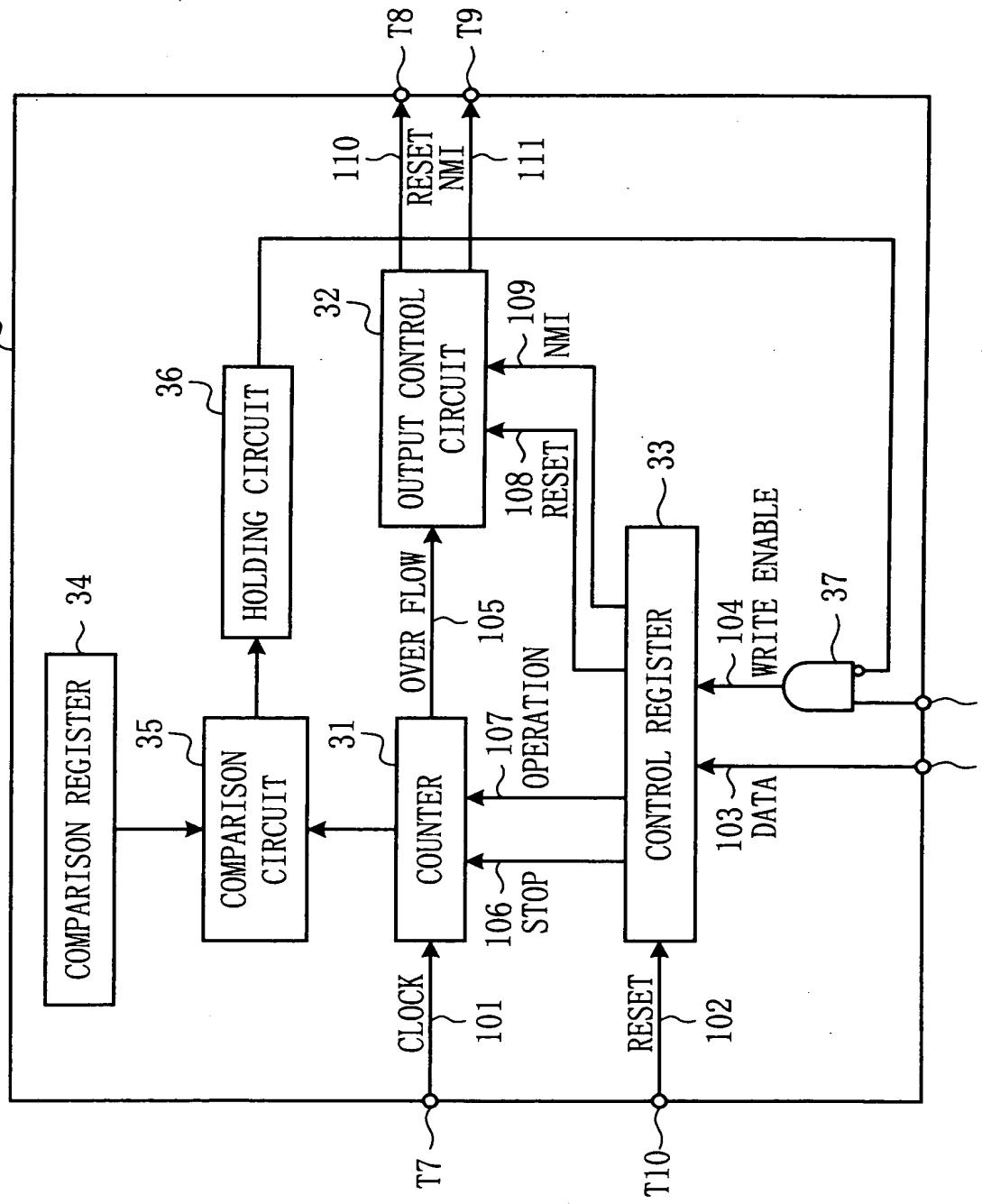


FIG. 6

7 / 10

30



T₁₁ T₁₂ FIG. 7

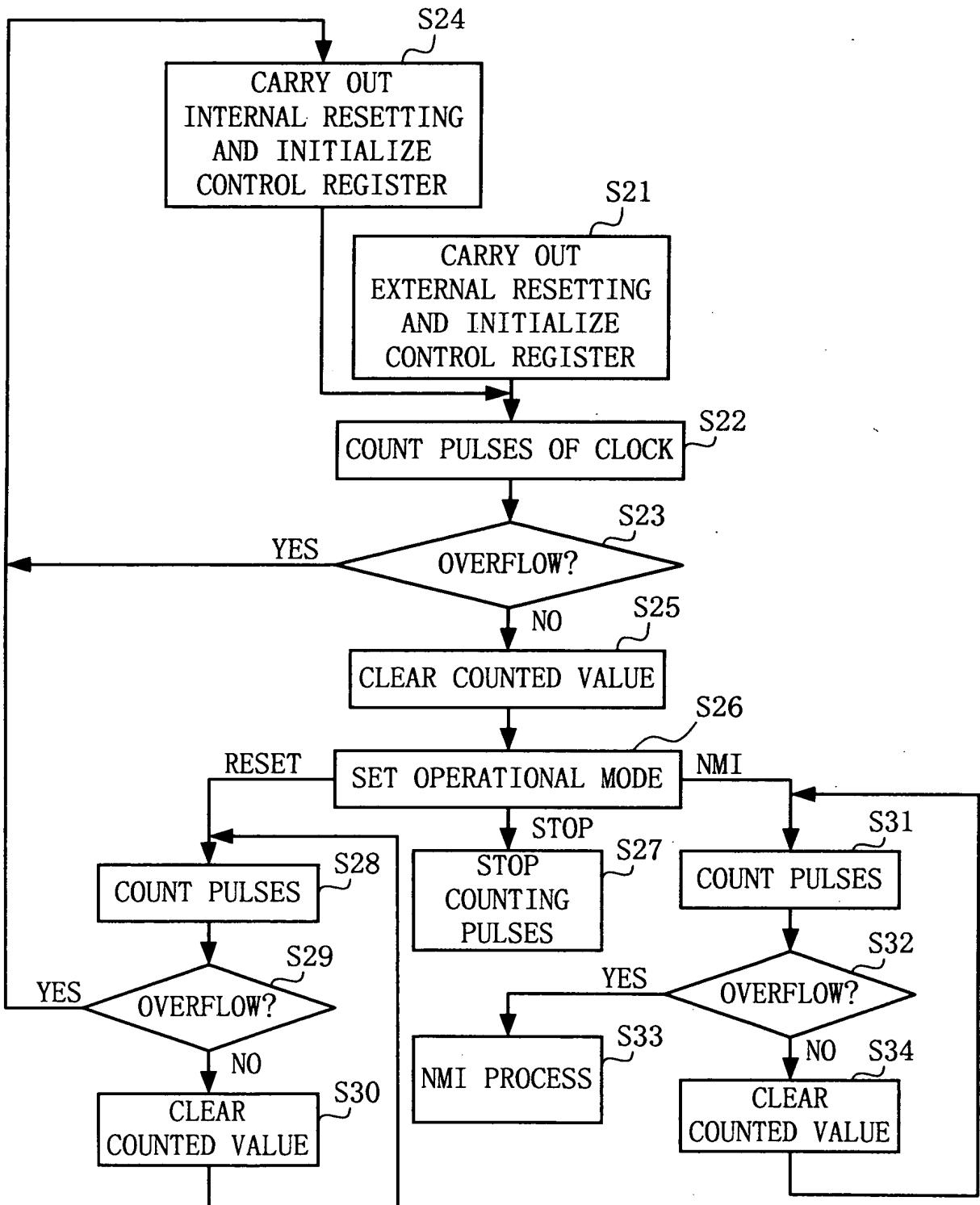


FIG. 8

9/10

	ABNORMAL OPERATION	FACTOR
A	<ul style="list-style-type: none">• TRANSISTOR (Tr) DOES NOT OPERATE• CLOCK FOR WDT IS NOT PROVIDED	<ul style="list-style-type: none">• BREAKAGE OF POWER SOURCE LINE• BREAKAGE OF OSCILLATOR
B	<ul style="list-style-type: none">• Tr OPERATES• CLOCK FOR WDT IS PROVIDED• SOFTWARE DOES NOT RUN	<ul style="list-style-type: none">• ABNORMAL OPERATION IN CPU, ROM, RAM, ETC. (SUCH AS VOLTAGE DROP IN CPU)
C	<ul style="list-style-type: none">• Tr OPERATES• CLOCK FOR WDT IS PROVIDED• SOFTWARE RUNS• TEMPORARY ABNORMALITY	<ul style="list-style-type: none">• COMMON NOISE (E. G. IN POWER SOURCE)• ERROR IN SOFTWARE DESIGN (E. G. INDEFINIED CONDITION)

FIG. 9

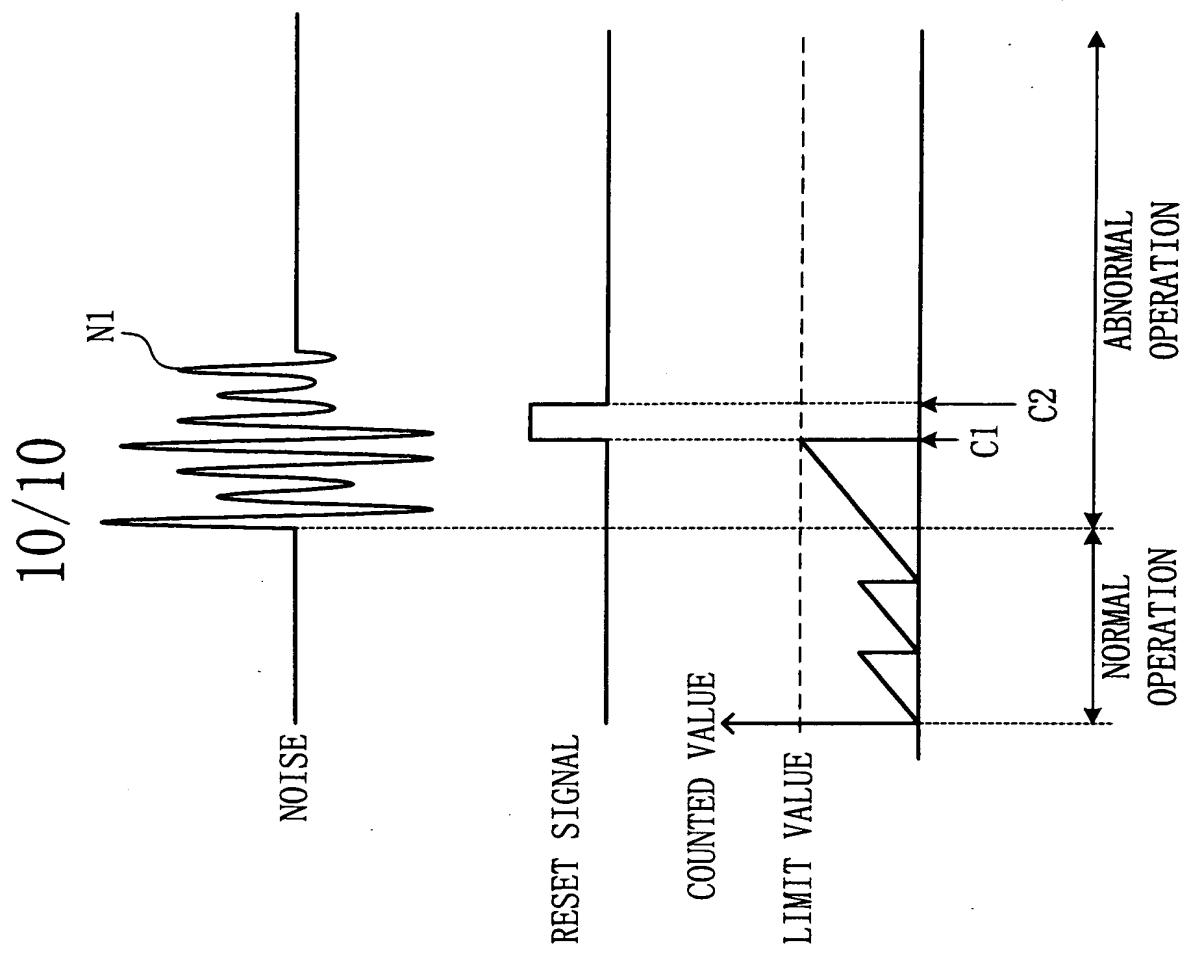


FIG. 10